

Please enter claims 5-6
JWR 6/22/07
AMENDMENTS TO THE CLAIMS

1-4. (Cancelled)

5. (Previously Presented) A reciprocating motor comprising:

an outer stator;

an inner stator arranged at an inner circumference surface of the outer stator with a certain air gap;

a magnet linearly and movably arranged between the outer stator and the inner stator; and

a winding coil mounted on either the outer stator or the inner stator, the winding coil having a ring shape and including:

a plurality of turns of a conductive wire;

a polyester imide layer surrounding the conductive wire;

a polyamide imide layer surrounding the polyester imide layer;

a self-lubricating polyamide layer surrounding the polyester imide layer; and

a molding material surrounding the self-lubricating polyamide layer such that the conductive wire, the polyester imide layer, the polyamide imide layer, the self-lubricating polyamide layer and the molding material together are an integral structure, the self-lubricating polyamide layer being located between the conductive wire and the molding material .

6. (Previously Presented) The reciprocating motor of claim 5, wherein the polyester imide layer is in contact with a circumferential surface of the conductive wire, the polyamide imide